

Draw a bar model for each.

Ruthie is required to read 18 pages for homework. She read $\frac{1}{2}$ of the homework assignment before dinner.

How many pages did she read before dinner?



Lou donated $\frac{1}{3}$ of his Halloween candy. If he collected 126 pieces of candy, how many pieces did he donate?



Tommy scored $\frac{2}{5}$ of his total baskets in the second half of the game. If he scored a total of 15 points, how many were scored in the second half?

How many were scored in the first half?



Liz has practiced driving for 44 hours so far. This is $\frac{4}{7}$ of the total number of hours needed to take his driving test. How many hours does she need in total?



Gail has traveled 72 miles so far. This is $\frac{5}{8}$ of her total trip. How many more miles does she need to travel to reach her destination?



Lisa put 50% of her money into a savings account. If she has a total of \$124, how much money did she put into savings?

Jimmy worked for 8 hours on Saturday. 75% of his time was spent in the office. How many hours were spent in the office?

Robby picked a total of 45 apples. 40% of the apples were Gala apples. How many apples were Gala?

Louise ran for 36 minutes. This is 25% of her total training time. How many minutes does she need to run in total?

Mary has a rock collection. 60% of her rocks come from the ocean. If 75 of her rocks come from the ocean, how many rocks were not from the ocean?